

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Ronald Scott Smith et al.

§ Attorney File: NOVA 9244

Serial No.:

§ Group Art Unit:

Filed: Herewith

§ Examiner:

For: Use of Ionic Liquids to Separate Olefins, Diolefins and Aromatics

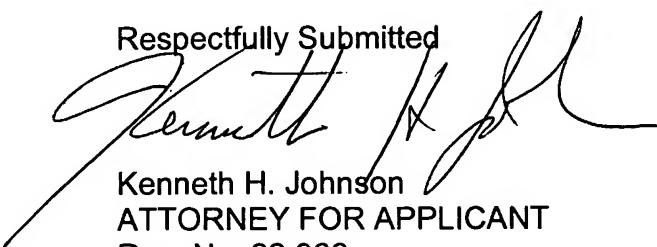
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This document and the attachments hereto are presented in accordance with the requirements of 37 CFR § 1.56. Below is listed information which may be material to the cited application and, which the examiner may deem important and wish to consider in conjunction with the examination of the cited application. The relevance of the information is a subjective test and its submission here may be based on the fact the information provides background or in some manner relates to subject matter disclosed or claimed in the cited application. The submission of information herewith is not intended to be, nor is it an admission either directly or indirectly that all or any portion of said information is prior art as to any aspect of the invention(s) disclosed or claimed in the cited application. A copy of each reference is enclosed herewith. (See attached form)

Respectfully Submitted



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Sheet	1	of	2	Application Number	
				Filing Date	
				First Named Inventor	Ronald Scott Smith
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	NOVA 9244

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	
Sheet	2	of	2	Filing Date	
				First Named Inventor	Ronald Scott Smith
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	NOVA 9244

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		JOHN E. ENDERBY, Ionic Liquids: Recent Progress and Remaining Problems, J. Phys.: Condens. Matter 5, (1993) B99-B106, printed in the U.K.
		HELENE OLIVIER and YVES CHAUVIN, Nonaqueous Room-Temperature Ionic Liquids: A New Class of Solvents for Catalytic Organic Reactions, Chem. Ind 68: 249-263 (1996). France
		KENNETH R. SEDDON, Ionic Liquids for Clean Technology, J. Chem. Tech. Biotechnol. 1997, 68, 351-356, Printed in Great Britain
		MICHAEL FREEMANTLE, Designer Solvents, Ionic liquids may boost clean technology development, pages 32-37, C&EN, March 30, 1998. London
		CHARLES M. GORDON, J.D. HOLBREY, A. R. KENNEDY, AND K.R. SEDDON, Ionic liquid crystals: hexafluorophosphate salts, J. Mater. Chem., 1998, 8, 2627-2636,
		THOMAS WELTON, Room-Temperature Ionic Liquids. Solvents for Synthesis and Catalysis, Chem. Rev. 1999, 99, 2071-2083, Published on the Web 07/07/1999.

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